Sid Harris, Photographer of Attack on MISSISSINEWA, Passes Away

Images Featured in Summer 2003 Issue of Currents

Simon "Sid" Harris.

It is with regret that we, the editors of Currents, inform you of the passing of Simon "Sid" Harris on 28 December 2003. Harris' photos of the sinking of the USS MISSISSINEWA (AO-59) were featured in the summer 2003 issue of the magazine.

Born in New York City, Harris served on active duty in the Navy from October 1943 until January 1946 and then again during the Korean War from September 1950 to April 1952. Harris attended boot camp at the U.S. Naval Training Center, Great Lakes, IL and graduated as a Storekeeper 3/C. Harris shipped out to Pearl Harbor, HI from California on the aircraft carrier USS INTREPID and was then assigned to the fleet tug USS MUNSEE (ATF-107).

Harris was a sailor aboard the MUNSEE the morning of the attack on the MISSISSINEWA. The MUNSEE, located two miles away, sounded its alarms only minutes after the attack and was the first tug to reach the tanker. Immediately, the crew of the MUNSEE began extinguishing the fires attempting to contain the damage. During the chaos, Harris, used his own camera to snap 37 photos of the smoldering tanker and its final moments.

Harris participated in exercises in the Asiatic Pacific Theater/ Campaign (including the invasion of the Palau Islands and Ryukyu Islands, the occupation of Ulithi Atoll and the Japanese home Island of Honshu and the Initial Philippine Islands landing). He was honorably discharged from the Navy as a Storekeeper 1/C in December 1953.

After his retirement from the Navy, Harris graduated from Rutgers University and worked for the Department of Defense in Philadelphia, PA. He retired in July 1974 after 30 years as a computer analyst.

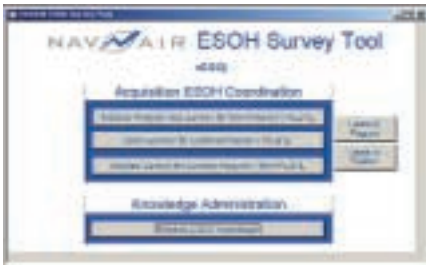
Harris is survived by his beloved wife of 60 years, Hilda, two children and four grandchildren. He lived in Cherry Hill, NJ for 50 years and loved to play golf, travel and take pictures (of course). Harris was a member of many organizations including the Veterans of Foreign Wars, Jewish War Veterans and the National Association of Retired Federal Employees.

Harris' photos will serve as an everlasting reminder of the heroes and valiant efforts to save the MISSISSINEWA. We, the editors of Currents, are grateful for the contributions Sid made to the Navy and to our magazine. ⚓

Survey Tool Standardizes Environmental Analyses

NAVAIR Developing Web-Based Software to Aid Acquisition Managers

The Naval Air Systems Command (NAVAIR) is developing a survey tool to streamline and consolidate the risk analyses and related processes for acquisition program personnel.



NAVAIR's ESOH Survey Tool uses surveys to assist with PESHE development.

You have just been assigned as the Environmental, Safety and Occupational Health (ESOH) Coordinator to an acquisition program. You have many responsibilities. Among them is to ensure that ESOH issues are integrated into the system's acquisition process and that the ESOH risks associated with the entire life cycle of the new weapon system are addressed and documented in a Programmatic Environmental, Safety and Occupational Health Evaluation (PESHE). This can be a daunting task, requiring a lot of time and energy. You decide to review other PESHEs to see how they were conducted only to realize that they are all different. Looks like you will have to start from scratch. The process would be much simpler if there was a standard method to follow, a template to use, or maybe an automated tool.

Relief is in sight. NAVAIR's Environmental Acquisition, Policy and Program Support Team (AIR-1.1E) is developing the ESOH Survey Tool to help acquisition personnel identify and manage the ESOH risks associated with a weapons system acquisition program. This Tool enhances AIR-1.1E's capacity to offer cost effective and efficient ESOH services to Program Executive Offices and Program Managers.

The Basics About the ESOH Survey Tool

The ESOH Survey Tool provides a simple, uniform and comprehensive method to identify and document the ESOH risks associated with a weapons system's acquisition life cycle in accordance with Department of Defense (DoD) Directive 5000.1 and DoD Instruction 5000.2. It is a web-enabled, Microsoft Access™ database containing various ESOH-related surveys. The surveys contain questions associated with the major components and analysis areas of a PESHE, including ESOH Compliance, National Environmental Policy Act (NEPA), Safety and Health, Hazardous Materials Management, Pollution Prevention and Explosives Safety.

The questions are tailored to help users ascertain the risks associated with the acquisition program in each of these major analysis areas. For instance, one question poses, "Has a NEPA Completion Schedule been developed for the system?" If the user answers "No", then the ESOH Survey Tool flags this as a risk under NEPA and offers additional information and guidance about where to go for more information and how to mitigate the risk. Once all the survey questions have been answered, the ESOH Survey Tool generates a report listing the ESOH risks associated with the program.

In conjunction with the Tool, a PESHE template has been created for use by NAVAIR acquisition programs. This template contains a standard PESHE format and language that meet the requirements of DoD Directive 5000.1 and DoD Instruction 5000.2. Ongoing tool design efforts will merge the PESHE template with the survey and risk generating features of the Tool to automatically produce a draft PESHE, which can then be tailored by the user to address unique, specific aspects of the acquisition program.

Integration With the LMTCE Products

During the last few years, the Lead Maintenance Technology Center for the Environment (LMTCE) has developed several tools to analyze specific aspects of ESOH risk. The NAVAIR Compliance Calendar lists pending regulatory actions and initiatives that are underway to ensure NAVAIR remains in compliance. The Hazardous Materials Authorized Use List (HMAUL) Analysis Tool (HAT) identifies references to military specifications that call out the use of hazardous materials in aviation maintenance manuals. This allows NAVAIR engineers to recommend suitable non-hazardous substitutes for those materials. The Environmental Systems Allocation (ESA) database links hazardous waste generation and hazardous material use back to the platforms responsible for those wastes and materials. The NAVAIR ESOH Survey Tool will integrate with these tools to provide a comprehensive ESOH evaluation for acquisition programs.

Benefits of the ESOH Survey Tool

Use of the ESOH Survey Tool provides a layer of confidence to NAVAIR acquisition program managers, who are ultimately responsible for ESOH risk management. These managers ensure that ESOH risks have been effectively identified, analyzed and documented for their programs. The Tool offers a way to research lessons learned and ESOH approaches taken for other similar weapon systems, which assists the ESOH Coordinator in gaining a better understanding of how other programs have conducted their ESOH evaluations and how they are managing risks. The Tool simplifies ESOH coordination and ensures

consistent ESOH risk analysis among all NAVAIR acquisition programs. The end use of the ESOH Survey Tool results in a streamlined ESOH risk management process affording efficiencies for ESOH Coordinators and acquisition program managers.

The ESOH Survey Tool is in the final phases of development with an expected release in Fall 2004. By working with AIR-1.1E, Program Executive Offices and Program Managers can be assured that ESOH risk management is successfully integrated into their acquisition programs. ⚓

CONTACT

Glenn Williams
Naval Air Systems Command
301-757-2149
DSN: 757-2149
glenn.williams@navy.mil

Joint Services Environmental Conference Set for 16–19 August in San Antonio

Technical Presentations Include Three Acquisition Environmental Sessions

The 9th Annual Joint Services Environmental Management (JSEM) Conference and Exhibition (formerly the Pollution Prevention and Hazardous Waste Management Conference and Exhibition) will be held in San Antonio, TX, 16–19 August 2004. The theme for this year's event is "Sustaining the Force: Optimizing Readiness Through the Prevention of Pollution."

The conference will bring together professionals from military services, industry, academia, local, state, and federal agencies to translate ideas, success stories, case histories, current trends, and technologies into solutions for pollution prevention (P2) and hazardous waste management challenges. The four-day schedule includes over 200 technical presentations on a variety of topics, over 300 exhibitors showcasing P2 equipment, products, technology, and services along with a networking reception.

The 9th Annual JSEM Conference is one of the largest conferences dedicated to the preservation and improvement of the environment through investment in pollution prevention and proactive management of hazardous waste. The conference provides an open forum for exchanging ideas, success stories, case histories, and technologies related to P2 and hazardous waste management.

This year's conference is co-hosted by the U.S. Army Environmental Center, Aberdeen Proving Ground, MD, and Headquarters, Air Force Center for Environmental Excellence, Brooks City-Base, TX.

This year, three technical sessions will deal specifically with the environmental, safety and occupational health (ESOH) challenges associated with weapon system acquisition. Brief descriptions of those three sessions follow.

1. Concept to Reality—Environmental, Safety and Occupational Health In the Acquisition Process
   This session will include speakers who have been in the "trenches" of ESOH support to the acquisition community and will share their lessons learned, philosophies, and successes in going beyond mere compliance with the requirements. ESOH management issues associated with the early phases of the weapon system acquisition process will be addressed as well as the overall management of ESOH matters from a programmatic perspective.
2. Weapon System Acquisition from Test to Sustainment—Optimizing Force Readiness
   This breakout session will demonstrate how sound ESOH programmatic strategies for weapon system acquisition from testing to sustainment prevent pollution and enhance mission effectiveness and performance.
3. Environmental, Safety and Occupational Health Management from a Programmatic Perspective In the Acquisition Process
   This third session will begin with on overview of Office of the Secretary of Defense (OSD) level ESOH acquisition activities and initiatives. Following the OSD overview, there will be an hour-long opportunity to query the open panel on the "how-to" of successful acquisition ESOH management.

For more information about the JSEM Conference visit: http://www.jsemconference.com/index.htm. ⚓

New BAA Abstracts Available

Solutions to Reduce Environmental Impacts from Navy Operations

The latest book of eligible Broad Agency Announcement (BAA) Abstracts, Book 16, has been posted on the Naval Facilities Engineering Service Center (NFESC) BAA page on the Defense Environmental Network & Information eXchange (DENIX) web site and is available for use by Remedial Project Managers (RPM) and Navy environmental personnel. These new abstracts, combined with over 200 abstract previously submitted, provide solutions to reduce environmental impacts from current and past Navy operations. The BAA program solicits abstracts for restoration, conservation of resources, unexploded ordnance, pollution prevention and compliance issues and covers a broad spectrum of contaminants. Issuing a contract under a BAA abstract is a simple process.

To go directly to all the eligible abstracts on the DENIX web site, click on http://www.denix.osd.mil/denix/DOD/News/Navy/BAA/baa.html. After logging on to DENIX, click on Technologies and Methodologies.

The Latest Eligible BAA Abstracts (Book 16)

Abstract #	Topic	Vendor	Title/Concept
1	4	Beacon Power Corporation	Environmentally-Friendly Energy Storage System
2	4	Wpsi, Inc.	Advanced Phase Separation System—The Removal of Methyl Tertiary Butyl Ether /Volatile Organic Compounds
3	2	Integrated Systems Solutions, Inc.	Airship Advanced Development Program Office Support of Operational Environmental Readiness Reporting
4	4	biomin, Inc.	Pump and Treat Economical With Organoclay
5	4	Phoenix Science & Technology, Inc.	Pulsed Acoustic Sparker for Biofouling Control
6	2	Freytech, Inc.	Oil Water Separators
7	1	GeoSierra LLC	GeoSierra's Deep Permeable Reactive Barrier Installation Technology
8	5	Air Quality Analytical	Fourier Transform Infrared Continuous (Air) Emissions Monitoring
9	4	LCP Tech, Inc.	Use of Novel Liquid Crystal Polymers for Pollution Prevention and Efficiency
10	1	Newfields, Inc.	Project Optimization Methodology—Innovative Techniques for Optimization and Site Closeout
11	1	H_2O Engineering, Inc.	In-Situ Ozone Sparging
12	1	Panther Technologies, Inc.	PermeOx Plus—A New Improved Slow Oxygen Release Compound
13	4	Creare, Inc.	Environmentally Friendly Machining Without Cutting Fluids
14	1	North American Power Company	Thermal Recovery Unit™ (TRU)
15	1	Neptune & Co.	Innovative Risk Assessment Approaches
16	1	GeoSyntec Consultants, Inc.	Development of a Protocol and Screening Tool for Selection of Dense Non Aqueous Phase Liquid Source Area Remediation

The NFESC BAA program is a streamlined and flexible contracting alternative that enables the Navy to search for and identify innovative environmental technologies and methodologies that provide a solution to a problem, or provide a better, faster, or cheaper application in the following areas:

- Environmental Assessment, Restoration, and Cleanup (Topic 1);
- Conservation of Natural Resources (Topic 2);
- Munitions & Explosives of Concern (Topic 3);
- Pollution Prevention (Topic 4); and
- Environmental Compliance (Topic 5).

The Navy's BAA solicits abstracts from academia, private vendors, government contractors, and national laboratories. The abstracts are thoroughly evaluated by a technical evaluation board of NFESC engineers and scientists to ensure that they meet the criteria stated in the BAA. Abstracts that are accepted into the program during an evaluation cycle are posted on the DENIX web site as books. Each abstract is listed within the book with a topic number, vendor and the title/concept of the abstract and is available for contract award throughout the Department of Defense (DoD).

The program allows for direct access to over 200 contractors. Project-specific requirements need to be provided to access a contractor through one of the approved abstracts. Contracts are awarded without sole source or competitive solicitation.

More information on the NFESC BAA program can be found at http://enviro.nfesc.navy.mil/erb/support/navy_contracts/baa.htm.

CONTACT

Tim McEntee
Naval Facilities Engineering Service Center
805-982-1551
DSN: 551-1551
Timothy.McEntee@navy.mil

DoD to Hold 2004 Conservation Conference

Event Scheduled for 22–27 August in Savannah

The 2004 Department of Defense (DoD) Conservation Conference will be held at the Savannah Marriott Riverfront in Savannah, GA on 22–27 August 2004. Sponsored by the DoD Legacy Resource Management Program, the conference is open to DoD employees and contractors and invited non-DoD participants.

The theme for this year's conference is "Integrating Readiness with Natural and Cultural Resources." Plenary and breakout sessions will address successful efforts DoD has undertaken to integrate conservation requirements with military mission needs. The conference will also feature poster and computer-based demonstration sessions and several workshops. Planning is underway for field trips to Fort Stewart and Marine Corps Recruit Depot Parris Island and an evening tour of historic Savannah.

There is no registration fee for the conference. However, some specific activities will have a small fee associated. Complete conference registration information including conference agenda, registration deadlines, hotel, and travel information is available online at www.dodconservationconference.com.

A block of rooms at the Savannah Marriott Riverfront is on reserve for conference attendees. To book a room at the hotel, call 912-233-7722 and mention the DoD Conservation Conference to receive the special conference rate. Reservations can also be made online at www.marriott.com/SAVRF using Group Code DODDODA.

CONTACT

Pam Behm
Department of Defense Legacy Program
703-604-1774
pamela.behm.ctr@osd.mil